

STIC Search Considered for 10/054,482

lee - 08 / 878128

Page 1

=> fil reg

FILE 'REGISTRY' ENTERED AT 07:50:28 ON 06 OCT 1998
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STRUCTURE FILE UPDATES: 02 OCT 98 HIGHEST RN 212115-71-4
DICTIONARY FILE UPDATES: 05 OCT 98 HIGHEST RN 212115-71-4

TSCA INFORMATION NOW CURRENT THROUGH JUNE 29, 1998

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Stereochemical name changes have been adopted and appear in CN's
beginning 6/29/98. See the online news message for details.

** Notice ** If you recently ran a CSS search involving an
AK-carbon connection, please enter NEWS
at an arrow prompt for a message containing
important details.

=> d stat que 13

L1 1 SEA FILE=WPIIDS ABB=ON PLU=ON JP96-158175/PRN
L2 1 SEA FILE=WPIIDS ABB=ON PLU=ON JP97-79251/PRN
L3 1 SEA FILE=WPIIDS ABB=ON PLU=ON (L1 OR L2)

=> d his 13-

(FILE 'WPIIDS' ENTERED AT 07:42:41 ON 06 OCT 1998)
L3 1 S L1,L2
SEL PN APPS

FILE 'HCAPLUS' ENTERED AT 07:43:27 ON 06 OCT 1998
L4 1 S E1-E4
SEL RN

FILE 'REGISTRY' ENTERED AT 07:43:36 ON 06 OCT 1998
L5 45 S E5-E49
L6 35 S L5 AND PMS/CI
L7 33 S L6 AND OC5/ES
L8 2 S L6 NOT L7
L9 1 S L8 NOT C2H4O
L10 34 S L7,L9
L11 11 S L5 NOT L10

FILE 'HCAOLD' ENTERED AT 07:47:50 ON 06 OCT 1998
L12 0 S L10

FILE 'HCAPLUS' ENTERED AT 07:47:54 ON 06 OCT 1998
L13 3 S L10

FILE 'USPATFULL' ENTERED AT 07:50:09 ON 06 OCT 1998
L14 2 S L10

FILE 'HCAPLUS, USPATFULL' ENTERED AT 07:50:21 ON 06 OCT 1998
L15 5 DUP REM L13 L14 (0 DUPLICATES REMOVED)

) applicants

from L4 - comds
(polymers) identified
by chem Abs

← all refs
for L10

FILE 'REGISTRY' ENTERED AT 07:50:28 ON 06 OCT 1998

=> fil wpids
FILE 'WPIDS' ENTERED AT 07:50:38 ON 06 OCT 1998
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FILE LAST UPDATED: 01 OCT 1998 <19981001/UP>

>>>UPDATE WEEKS:

MOST RECENT DERWENT WEEK 199839 <199839/DW>

DERWENT WEEK FOR CHEMICAL CODING: 199834

DERWENT WEEK FOR POLYMER INDEXING: 199836

DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> D COST AND SET NOTICE DO NOT REFLECT SUBSCRIBER DISCOUNTS -

SEE HELP COST FOR DETAILS <<<

>>> DELIMITED FORMAT DALL NOW AVAILABLE <<<

=> d all 13

L3 ANSWER 1 OF 1 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 98-044290 [05] WPIDS

DNC C98-014971

TI Glyco-polymer and its decomposition using enzymes - the glyco-polymer comprising saccharide component comprising gluco-pyranose and second component..

DC A11 D16

IN KANEKO, N; KIKUCHI, Y; KISHI, H; KOBAYASHI, T; MIHARA, C; SAKAI, K;
TAKEDA, T; TANAKA, K

PA (CANO) CANON KK

CYC 18

PI EP 814093 A2 971229 (9805)* EN 31 pp C08B037-00

R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

ADT EP 814093 A2 EP 97-109871 970617

PRAI JP 97-79251 970314; JP 96-158175 960619

IC ICM C08B037-00

ICS C08G063-00; C08G073-00

AB EP 814093 A UPAB: 980202

A glyco-polymer is claimed comprising a saccharide component consisting of glucopyranose and a second component.

Also claimed is decomposing a glyco-polymer as above comprising selectively decomposing a bond between the saccharide component and the second component.

USE - The oligosaccharide portions and second component portions may be linked through functional substances such as compounds having photochromic characteristics, photo-decomposition characteristics or non-linear optical effects. When the glyco-polymers acquire a predetermined strength by adding additives such as pigments, plasticisers and fillers, they can be employed in various structural materials.

ADVANTAGE - This polymeric component is decomposable. The decomposition products can be recycled readily. The glyco-polymer having an oligosaccharide containing glucopyranose rings is excellent in resin characteristics. Since the decomposition products have homogeneous compositions, they can be recycled without complicated purification steps, giving a great reduction in cost of recycling the decomposition products.

Dwg.0/18

FS CPI

FA AB

MC CPI: A03-A05; A08-M08; A10-E05; D05-A02

=> fil hcaplus uspat

FILE 'HCAPLUS' ENTERED AT 07:51:31 ON 06 OCT 1998

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE 'USPATFULL' ENTERED AT 07:51:31 ON 06 OCT 1998

CA INDEXING COPYRIGHT (C) 1998 AMERICAN CHEMICAL SOCIETY (ACS)

=> d 115 bib abs hitrn tot

L15 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 1998 ACS

AN 1998:21423 HCAPLUS

DN 128:89267

TI Oligosaccharide-derived polymeric compounds and enzymic degradation method for their reclamation after use

IN Kishi, Hiroyoshi; Kobayashi, Toyoko; Sakai, Kiyoshi; Kaneko, Norio; Tanaka, Kazumi; Mihara, Chieko; Takeda, Toshihiko; Kikuchi, Yoshihiko

PA Canon Kabushiki Kaisha, Japan

SO Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

PI EP 814093 A2 19971229

DS R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

AI EP 97-109871 19970617

PRAI JP 96-158175 19960619

JP 97-79251 19970314

DT Patent

LA English

AB The polymeric compds. are glycopolymers of a saccharide having only glucopyranose rings and a second component and useful as biodegradable plastics which can be recycled by enzyme for reuse. In addn., the glycopolymers may contain mol. chains having at least one type of repeating unit, which chains are crosslinked by a saccharide having only glucopyranose rings. Thus, a polyester derived from cellobiose and di-Me adipate was incubated with an esterase to give back to cellobiose and di-Me adipate for resynthesis of polyester.

IT 200811-18-3P, Cellobiose-dimethyl aconitate copolymer

200811-19-4P, Cellotriose-dimethyl aconitate copolymer

200811-20-7P, Cellotetraose-dimethyl aconitate copolymer

200811-21-8P, Cellopentaose-dimethyl aconitate copolymer

200811-22-9P, Cellohexaose-dimethyl aconitate copolymer

RL: BMF (Bioindustrial manufacture); BPR (Biological process); BIOL (Biological study); PREP (Preparation); PROC (Process)
(ladder polymer; oligosaccharide-derived polymeric compds. and enzymic method for their reclamation after use)

IT 200730-35-4P 200730-36-5P 200730-37-6P

200730-38-7P 200730-39-8P 200730-40-1P,

Cellobiose-trimethyl trans-aconitate copolymer 200730-41-2P

200730-42-3P 200730-43-4P, Cellopentaose-trimethyl

trans-aconitate copolymer 200730-44-5P,

Cellohexaose-trimethyl trans-aconitate copolymer

200730-47-8P, Diethyl adipate-maltose copolymer

RL: BPR (Biological process); IMF (Industrial manufacture); BIOL

(Biological study); PREP (Preparation); PROC (Process)
(ladder polymer; oligosaccharide-derived polymeric compds. and
enzymic method for their reclamation after use)

IT 73255-78-4P 200730-25-2P, Cellulose-dimethyl
adipate copolymer 200730-26-3P 200730-27-4P
200730-28-5P 200730-29-6P 200730-30-9P,
Cellulose-dimethyl pimelate copolymer 200730-31-0P
200730-32-1P 200730-33-2P 200730-34-3P
200730-45-6P 200730-46-7P 200818-22-0P,
Adipic acid p-nitrophenyl ester-chitobiose copolymer
200818-23-1P, Adipic acid p-nitrophenyl ester-chitotriose
copolymer 200818-24-2P, Adipic acid p-nitrophenyl
ester-chitotetraose copolymer 200818-25-3P, Adipic acid
p-nitrophenyl ester-chitopentaose copolymer 200818-26-4P,
Adipic acid p-nitrophenyl ester-chitohexaose copolymer
RL: BPR (Biological process); IMF (Industrial manufacture); BIOL
(Biological study); PREP (Preparation); PROC (Process)
(oligosaccharide-derived polymeric compds. and enzymic method for
their reclamation after use)

L15 ANSWER 2 OF 5 USPATFULL

AN 97:56778 USPATFULL

TI Adjuvant for pharmaceutical preparations

IN Iritani, Koji, Hyogo, Japan
Kawasaki, Tetsuya, Hyogo, Japan
Tani, Nobutaka, Osaka, Japan
Masuda, Shigeki, Hyogo, Japan
Yano, Yoshiaki, Hyogo, Japan

PA Kanegafuchi Kagaku Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S.
corporation)

PI US 5644012 970701

AI US 92-977100 921116 (7)

PRAI JP 91-300395 911115

JP 91-310873 911126

DT Utility

EXNAM Primary Examiner: Mullis, Jeffrey C.

LREP Sughrue, Mion, Zinn, Macpeak & Seas

CLMN Number of Claims: 8

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 832

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polyester represented by the following general formula (I) and a copolymer which comprises two structural units represented by the following general formulae (I') and (II). ##STR1## and a coating material for use in large intestine-selective drug release pharmaceutical preparations, which contains the above polyester and/or copolymer. The polyester and copolymer of the present invention contain a saccharide residue which is hydrolyzed and/or assimilated specifically in the large intestine, drugs contained in solid oral pharmaceutical administration pharmaceutical preparations coated with the coating material of the present invention are not decomposed or absorbed by digestive organs other than the large intestine, but instead are released selectively and therefore in a high concentration in the large intestine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 73255-78-4P

(prep. of, as coating agent for large intestine-selective drugs)

L15 ANSWER 3 OF 5 USPATFULL
AN 96:106195 USPATFULL
TI Adjuvant for pharmaceutical preparations
IN Iritani, Koji, Hyogo, Japan
Kawasaki, Tetsuya, Hyogo, Japan
Tani, Nobutaka, Osaka, Japan
Masuda, Shigeki, Hyogo, Japan
Yano, Yoshiaki, Hyogo, Japan
PA Kanegafuchi Kagaku Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S.
corporation)
PI US 5576020 961119
AI US 95-421781 950414 (8)
RLI Division of Ser. No. US 92-977100, filed on 16 Nov 1992
PRAI JP 91-300395 911115
JP 91-310873 911126
DT Utility
EXNAM Primary Examiner: Mullis, Jeffrey C.
LREP Sughrue, Mion, Zinn, Macpeak & Seas
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 855

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polyester represented by the following general formula (I) and a copolymer which comprises two structural units represented by the following general formulae (I') and (II). ##STR1## and a coating material for use in large intestine-selective drug release pharmaceutical preparations, which contains the above polyester and/or copolymer. The polyester and copolymer of the present invention contain a saccharide residue which is hydrolyzed and/or assimilated specifically in the large intestine, drugs contained in solid oral pharmaceutical administration pharmaceutical preparations coated with the coating material of the present invention are not decomposed or absorbed by digestive organs other than the large intestine, but instead are released selectively and therefore in a high concentration in the large intestine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 73255-78-4P
(prep. of, as coating agent for large intestine-selective drugs)

L15 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 1998 ACS
AN 1993:546588 HCAPLUS
DN 119:146588
TI Ester linkage-containing polymers for use in pharmaceutical
preparations
IN Iritani, Koji; Kawasaki, Tetsuya; Tani, Nobutaka; Masuda, Shigeki;
Yano, Yoshiaki
PA Kanegafuchi Kagaku Kogyo K. K., Japan
SO Eur. Pat. Appl., 15 pp.
CODEN: EPXXDW
PI EP 542299 A2 19930519
DS R: DE, FR, GB, IE, IT
AI EP 92-119463 19921113
PRAI JP 91-300395 19911115
JP 91-310873 19911126

DT Patent
LA English
AB A high-mol. wt. polyester comprising a dibasic acid and a saccharide is prep'd. for use as a coating agent, which is decompd. specifically in the large intestine. For example, lactose-terephthalic acid dichloride copolymer (mol. wt. 4800) was prep'd. and test tablets were coated with the copolymer. When the coated tablets were administered to rats, disintegration in the small intestine was not obsd.

IT 73255-78-4P
RL: PREP (Preparation)
(prepn. of, as coating agent for large intestine-selective drugs)

L15 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 1998 ACS
AN 1980:147256 HCAPLUS
DN 92:147256
TI Synthetic polymers containing sugar residues. V. Polyesters derived from D-cellobiose and dicarboxylic acid chlorides by direct polycondensation
AU Kurita, Keisuke; Hirakawa, Nobuhiko; Iwakura, Yoshio
CS Fac. Eng., Seikei Univ., Musashino, Japan
SO J. Polym. Sci., Polym. Chem. Ed. (1980), 18(1), 365-70
CODEN: JPLCAT; ISSN: 0449-296X

DT Journal
LA English
AB D-Cellobiose (I) is copolymd. with an equimolar amt. of terephthaloyl chloride (II), adipoyl chloride (III), or isophthaloyl chloride at 17.degree. in AcNMe₂ contg. pyridine to prep. polyesters by the reaction of the 2 primary OH groups of I, without gel formation. The polyesters have inherent viscosities 0.03-0.20 dL/g (0.25 g/dL Me₂SO, 25.degree.). The polyesters are sol. in polar solvents and insol. in other solvents and have 10% wt. loss at 178-204.degree. and 19-39% residue at 450.degree. in thermogravimetric anal. in air. The polyester prep'd. from III is cryst. The polyester prep'd. from II has the lowest crystallinity.

IT 73255-78-4P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and properties of)

=> fil reg
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STRUCTURE FILE UPDATES: 02 OCT 98 HIGHEST RN 212115-71-4
DICTIONARY FILE UPDATES: 05 OCT 98 HIGHEST RN 212115-71-4

TSCA INFORMATION NOW CURRENT THROUGH JUNE 29, 1998

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Stereochemical name changes have been adopted and appear in CN's beginning 6/29/98. See the online news message for details.

** Notice ** If you recently ran a CSS search involving an

AK-carbon connection, please enter NEWS
 at an arrow prompt for a message containing
 important details.

=> d ide can tot 110

L10 ANSWER 1 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200818-26-4 REGISTRY

CN D-Glucose, O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-, polymer with 4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, 4-nitrophenyl ester, polymer with O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-D-glucose (9CI)

OTHER NAMES:

CN Adipic acid p-nitrophenyl ester-chitohexaose copolymer

FS STEREOSEARCH

MF (C₃₆ H₆₈ N₆ O₂₅ . C₆ H₁₀ O₄ . x C₆ H₅ N O₃)x

CI PMS

PCT Phenolic resin, Polyamide, Polyamide formed, Polyester formed, Polyether

SR CA

LC STN Files: CA, CAPLUS

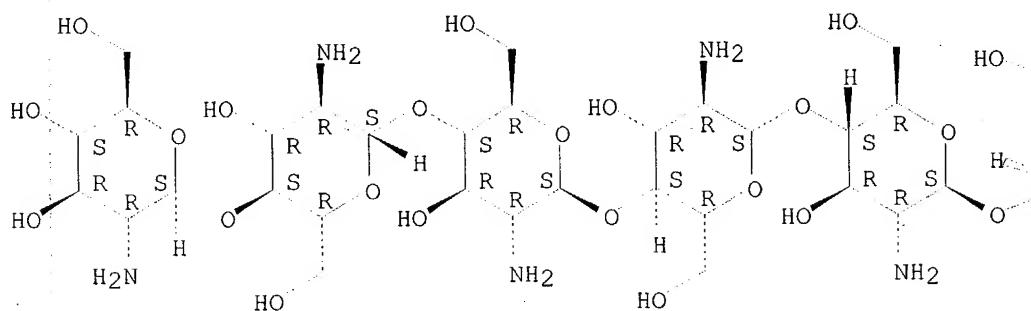
CM 1

CRN 41708-95-6

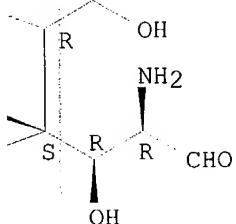
CMF C₃₆ H₆₈ N₆ O₂₅

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



CM 2

CRN 200818-21-9
 CMF C6 H10 O4 . x C6 H5 N O3

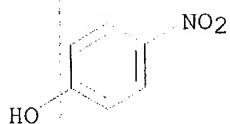
CM 3

CRN 124-04-9
 CMF C6 H10 O4

 $\text{HO}_2\text{C}-(\text{CH}_2)_4-\text{CO}_2\text{H}$

CM 4

CRN 100-02-7
 CMF C6 H5 N O3



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 2 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200818-25-3 REGISTRY

CN D-Glucose, O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-, polymer with 4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, 4-nitrophenyl ester, polymer with O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-

D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-D-glucose (9CI)

OTHER NAMES:

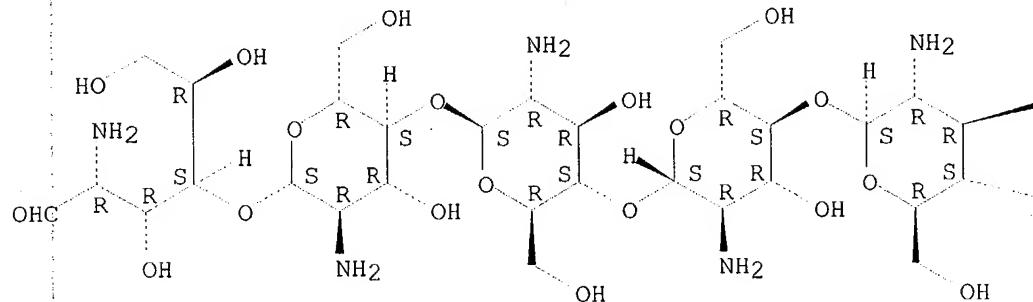
CN Adipic acid p-nitrophenyl ester-chitopentaose copolymer
 FS STEREOSEARCH
 MF (C₃₀ H₅₇ N₅ O₂₁ . C₆ H₁₀ O₄ . x C₆ H₅ N O₃)_x
 CI PMS
 PCT Phenolic resin, Polyamide, Polyamide formed, Polyester, Polyester formed, Polyether
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 41708-94-5
 CMF C₃₀ H₅₇ N₅ O₂₁

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



CM 2

CRN 200818-21-9
 CMF C₆ H₁₀ O₄ . x C₆ H₅ N O₃

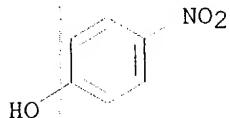
CM 3

CRN 124-04-9
 CMF C₆ H₁₀ O₄

HO2C-(CH2)4-CO2H

CM 4

CRN 100-02-7
CMF C6 H5 N O3



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 3 OF 34 REGISTRY COPYRIGHT 1998 ACS
RN 200818-24-2 REGISTRY
CN D-Glucose, O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-, polymer with 4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, 4-nitrophenyl ester, polymer with O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-D-glucose (9CI)

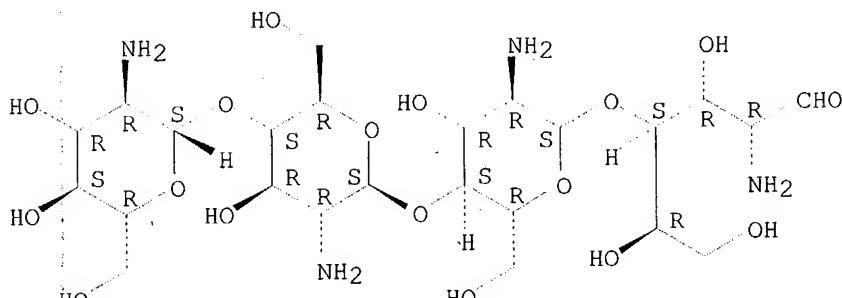
OTHER NAMES:

CN Adipic acid p-nitrophenyl ester-chitotetraose copolymer
FS STEREOSEARCH
MF (C24 H46 N4 O17 . C6 H10 O4 . x C6 H5 N O3)x
CI PMS
PCT Phenolic resin, Polyamide, Polyamide formed, Polyester formed, Polyether
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 5567-52-2
CMF C24 H46 N4 O17

Absolute stereochemistry.



CM 2

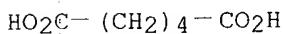
CRN 200818-21-9

CMF C6 H10 O4 . x C6 H5 N O3

CM 3

CRN 124-04-9

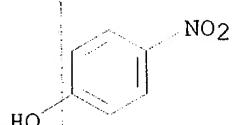
CMF C6 H10 O4



CM 4

CRN 100-02-7

CMF C6 H5 N O3



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 4 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200818-23-1 REGISTRY

CN D-Glucose, O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-, polymer with 4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, 4-nitrophenyl ester, polymer with
O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-2-amino-2-deoxy-.beta.-D-glucopyranosyl-(1.fwdarw.4)-2-amino-2-deoxy-D-glucose
(9CI)

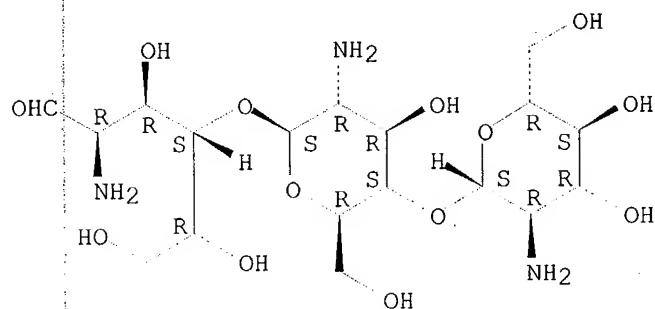
OTHER NAMES:

CN Adipic acid p-nitrophenyl ester-chitotriose copolymer
 FS STEREOSEARCH
 MF (C₁₈ H₃₅ N₃ O₁₃ . C₆ H₁₀ O₄ . x C₆ H₅ N O₃)_x
 CI PMS
 PCT Phenolic resin, Polyamide, Polyamide formed, Polyester, Polyester formed, Polyether
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 41708-93-4
 CMF C₁₈ H₃₅ N₃ O₁₃

Absolute stereochemistry.

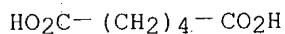


CM 2

CRN 200818-21-9
 CMF C₆ H₁₀ O₄ . x C₆ H₅ N O₃

CM 3

CRN 124-04-9
 CMF C₆ H₁₀ O₄



CM 4

CRN 100-02-7
 CMF C₆ H₅ N O₃



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 5 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200818-22-0 REGISTRY

CN D-Glucose, 2-amino-4-O-(2-amino-2-deoxy-.beta.-D-glucopyranosyl)-2-deoxy-, polymer with 4-nitrophenyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, 4-nitrophenyl ester, polymer with 2-amino-4-O-(2-amino-2-deoxy-.beta.-D-glucopyranosyl)-2-deoxy-D-glucose (9CI)

OTHER NAMES:

CN Adipic acid p-nitrophenyl ester-chitobiose copolymer

FS STEREOSEARCH

MF (C12 H24 N2 O9 . C6 H10 O4 . x C6 H5 N O3)x

CI PMS

PCT Phenolic resin, Polyamide, Polyamide formed, Polyester formed, Polyether

SR CA

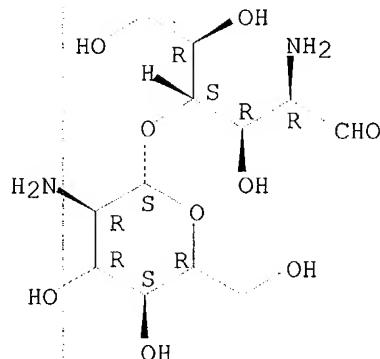
LC STN Files: CA, CAPLUS

CM 1

CRN 577-76-4

CMF C12 H24 N2 O9

Absolute stereochemistry.



CM 2

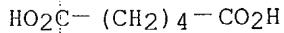
CRN 200818-21-9

CMF C6 H10 O4 . x C6 H5 N O3

CM 3

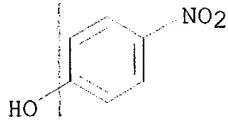
CRN 124-04-9

CMF C6 H10 O4



CM 4

CRN 100-02-7
 CMF C6 H5 N O3



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 6 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200811-22-9 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hydrogen 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellohexaose-dimethyl aconitate copolymer

FS STEREOSEARCH

MF (C36 H62 O31 . C8 H10 O6)x

CI PMS

PCT Polyester, Polyether, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS

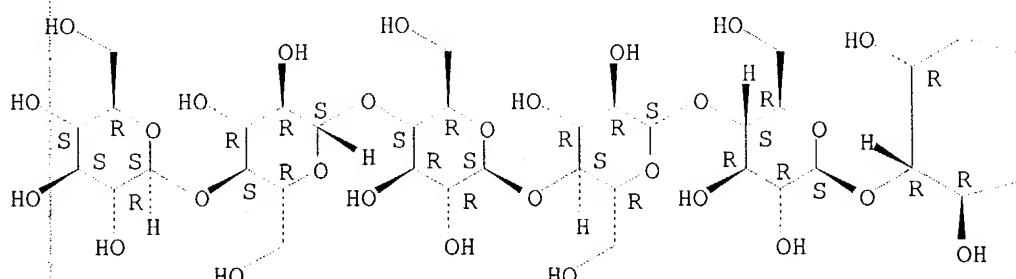
CM 1

CRN 2478-35-5

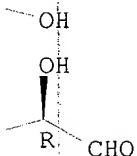
CMF C36 H62 O31

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

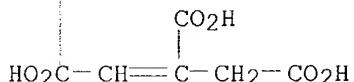


CM 2

CRN 200811-17-2
 CMF C8 H10 O6
 CCI IDS

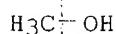
CM 3

CRN 499-12-7
 CMF C6 H6 O6



CM 4

CRN 67-56-1
 CMF C H4 O



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 7 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200811-21-8 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hydrogen 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellopentaose-dimethyl aconitate copolymer

FS STEREOSEARCH

MF (C₃₀ H₅₂ O₂₆ . C₈ H₁₀ O₆)_x

CI PMS

PCT Polyester, Polyether, Polyvinyl

SR CA

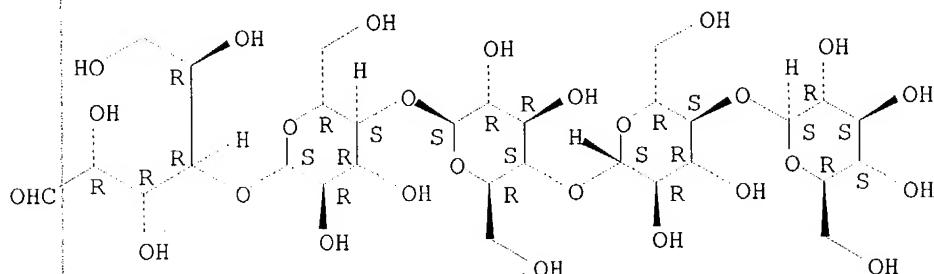
LC STN Files: CA, CAPLUS

CM 1

CRN 2240-27-9

CMF C₃₀ H₅₂ O₂₆

Absolute stereochemistry.



CM 2

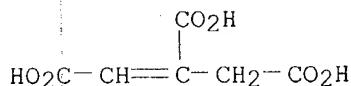
CRN 200811-17-2

CMF C₈ H₁₀ O₆

CCI IDS

CM 3

CRN 499-12-7

CMF C₆ H₆ O₆

CM 4

CRN 67-56-1
CMF C H4 OH₃C-OH1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 8 OF 34 REGISTRY COPYRIGHT 1998 ACS
RN 200811-20-7 REGISTRY
CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hydrogen 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotetraose-dimethyl aconitate copolymer

FS STEREOSEARCH

MF (C₂₄ H₄₂ O₂₁ . C₈ H₁₀ O₆)_x

CI PMS

PCT Polyester, Polyether, Polyvinyl

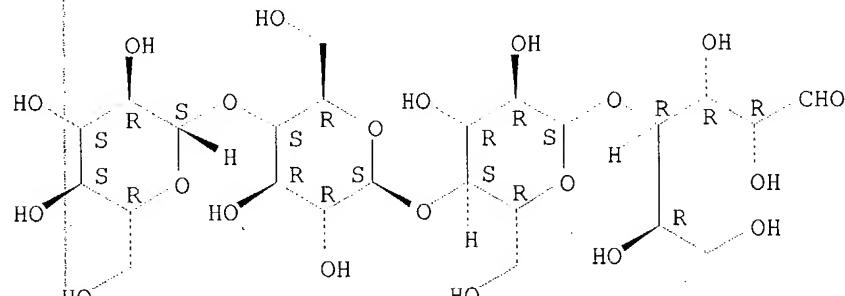
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 38819-01-1
CMF C₂₄ H₄₂ O₂₁

Absolute stereochemistry.



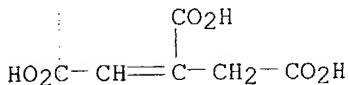
CM 2

CRN 200811-17-2

CMF C8 H10 O6
 CCI IDS

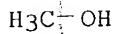
CM 3

CRN 499-12-7
 CMF C6 H6 O6



CM 4

CRN 67-56-1
 CMF C H4 O



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

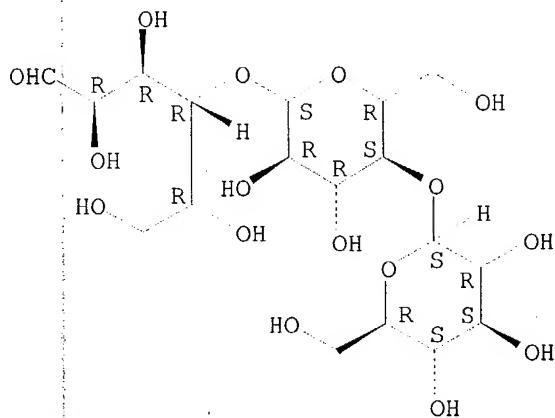
REFERENCE 1: 128:89267

L10 ANSWER 9 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200811-19-4 REGISTRY
 CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hydrogen
 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with
 O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-
 (1.fwdarw.4)-D-glucose (9CI)
 OTHER NAMES:
 CN Cellotriose-dimethyl aconitate copolymer
 FS STEREOSEARCH
 MF (C18 H32 O16 . C8 H10 O6)x
 CI PMS
 PCT Polyester, Polyether, Polyvinyl
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 33404-34-1
 CMF C18 H32 O16

Absolute stereochemistry.

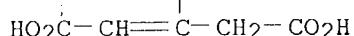


CM 2

CRN 200811-17-2
 CMF C8 H10 O6
 CCI IDS

CM 3

CRN 499-12-7
 CMF C6 H6 O6

 CO_2H 

CM 4

CRN 67-56-1
 CMF C H4 O



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 10 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200811-18-3 REGISTRY
 CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with dimethyl hydrogen 1-propene-1,2,3-tricarboxylate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propene-1,2,3-tricarboxylic acid, dimethyl ester, polymer with 4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)

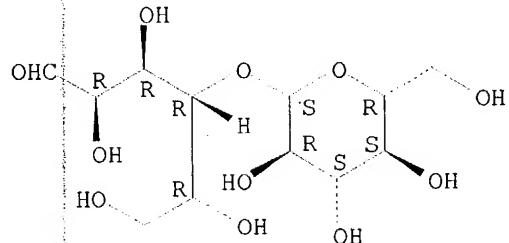
OTHER NAMES:

CN Cellobiose-dimethyl aconitate copolymer
 FS STEREOSEARCH
 MF (C₁₂ H₂₂ O₁₁ . C₈ H₁₀ O₆)_x
 CI PMS
 PCT Polyester, Polyether, Polyvinyl
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 528-50-7
 CMF C₁₂ H₂₂ O₁₁

Absolute stereochemistry.

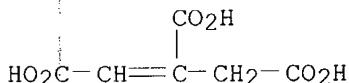


CM 2

CRN 200811-17-2
 CMF C₈ H₁₀ O₆
 CCI IDS

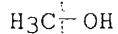
CM 3

CRN 499-12-7
 CMF C₆ H₆ O₆



CM 4

CRN 67-56-1
 CMF C H₄ O



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 11 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-47-8 REGISTRY

CN D-Glucose, 4-O-.alpha.-D-glucopyranosyl-, polymer with diethyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, diethyl ester, polymer with 4-O-.alpha.-D-glucopyranosyl-D-glucose (9CI)

OTHER NAMES:

CN Diethyl adipate-maltose copolymer

FS STEREOSEARCH

MF (C₁₂ H₂₂ O₁₁ . C₁₀ H₁₈ O₄)_x

CI PMS

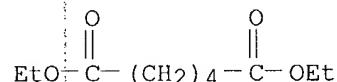
PCT Polyester, Polyester formed, Polyether

SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 141-28-6

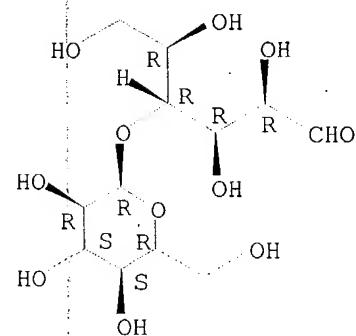
CMF C₁₀ H₁₈ O₄

CM 2

CRN 69-79-4

CMF C₁₂ H₂₂ O₁₁

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 12 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-46-7 REGISTRY

CN Alginic acid, polymer with 1,6-hexanediamine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Hexanediamine, polymer with alginic acid (9CI)

OTHER NAMES:

CN Alginic acid-hexamethylenediamine copolymer

MF (C₆ H₁₆ N₂ . Unspecified)x

CI PMS

PCT Manual component, Polyester, Polyester formed, Polyether

SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 9005-32-7

CMF Unspecified

CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 124-09-4

CMF C₆ H₁₆ N₂

H₂N—(CH₂)₆—NH₂

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 13 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-45-6 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with hexanedioic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, polymer with 4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)

OTHER NAMES:

CN Adipic acid-cellobiose copolymer

FS STEREOSEARCH

MF (C₁₂ H₂₂ O₁₁ . C₆ H₁₀ O₄)x

CI PMS

PCT Polyester, Polyester formed, Polyether

SR CA

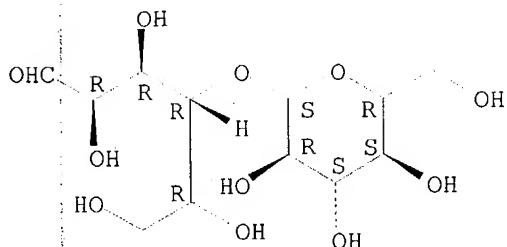
LC STN Files: CA, CAPLUS

CM 1

CRN 528-50-7

CMF C₁₂ H₂₂ O₁₁

Absolute stereochemistry.



CM 2

CRN 124-04-9
CMF C6 H10 O4 $\text{HO}_2\text{C}-(\text{CH}_2)_4-\text{CO}_2\text{H}$ 1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 14 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200730-44-5 REGISTRY
 CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-
 .beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-
 (1.fwdarw.4)-, polymer with (E)-trimethyl 1-propene-1,2,3-
 tricarboxylate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene-1,2,3-tricarboxylic acid, trimethyl ester, (E)-, polymer
 with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-
 .beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-
 (1.fwdarw.4)-D-glucose (9CI)

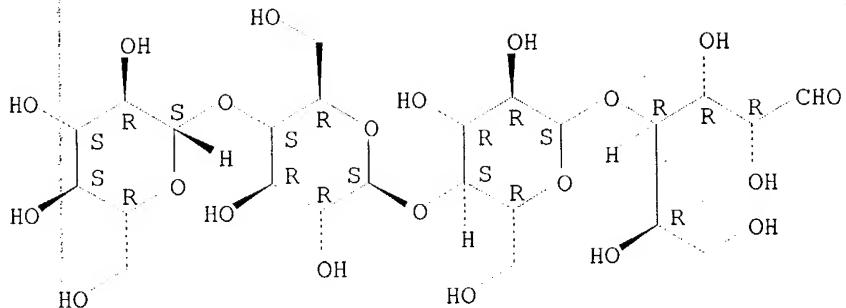
OTHER NAMES:

CN Cellohexaose-trimethyl trans-aconitate copolymer
 FS STEREOSEARCH
 MF (C36 H62 O31 . C9 H12 O6)x
 CI PMS
 PCT Polyether
 SR CA
 LC STN Files: CA, CAPLUS

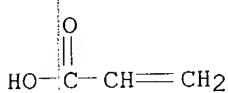
CM 1

CRN 4271-99-2
CMF C9 H12 O6

Double bond geometry as shown.



CM 2

CRN 79-10-7
CMF C3 H4 O21 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 22 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200730-36-5 REGISTRY
 CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with 2-propenoic acid (9CI)
 (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Acrylic acid-cellotriose copolymer

FS STEREOSEARCH

MF (C18 H32 O16 . C3 H4 O2)x

CI PMS

PCT Polyacrylic, Polyether

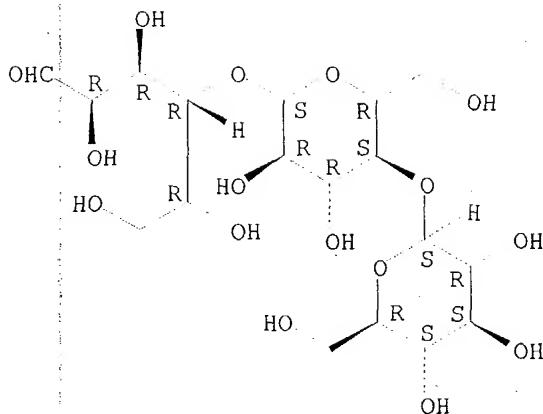
SR CA

LC STN Files: CA, CAPLUS

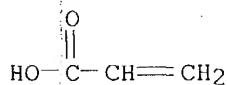
CM 1

CRN 33404-34-1
CMF C18 H32 O16

Absolute stereochemistry.



CM 2

CRN 79-10-7
CMF C3 H4 O21 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 23 OF 34 REGISTRY COPYRIGHT 1998 ACS
RN 200730-35-4 REGISTRY
CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with 2-propenoic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, polymer with 4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)

OTHER NAMES:

CN Acrylic acid-cellulose copolymer

FS STEREOSEARCH

MF (C12 H22 O11 . C3 H4 O2)x

CI PMS

PCT Polyacrylic, Polyether

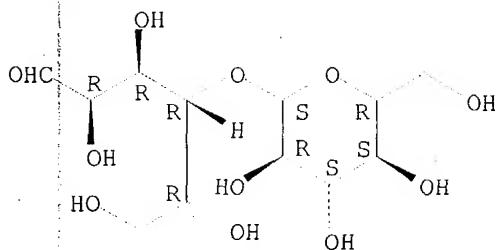
SR CA

LC STN Files: CA, CAPLUS

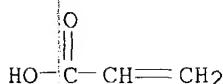
CM 1

CRN 528-50-7
CMF C12 H22 O11

Absolute stereochemistry.



CM 2

CRN 79-10-7
CMF C3 H4 O21 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 24 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200730-34-3 REGISTRY
 CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-
 .beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-
 (1.fwdarw.4)-, polymer with dimethyl heptanedioate (9CI) (CA INDEX
 NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-
 .beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-
 (1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellohexaose-dimethyl pimelate copolymer

FS STEREOSEARCH

MF (C36 H62 O31 . C9 H16 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

SR CA

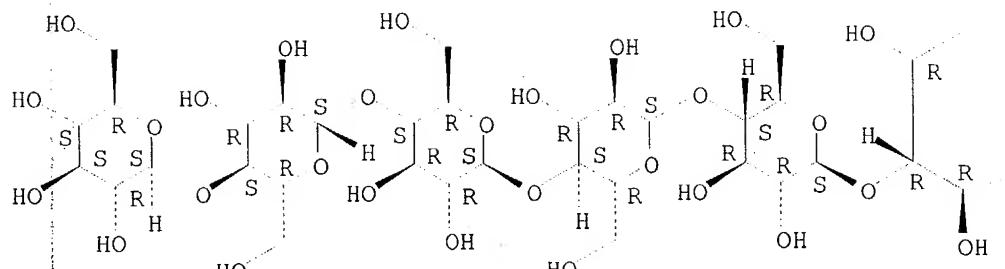
LC STN Files: CA, CAPLUS

CM 1

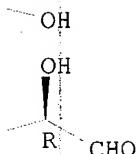
CRN 2478-35-5
CMF C36 H62 O31

Absolute stereochemistry.

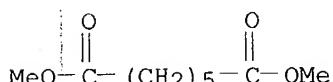
PAGE 1-A



PAGE 1-B



CM 2

CRN 1732-08-7
CMF C9 H16 O41 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 25 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200730-33-2 REGISTRY
 CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl heptanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

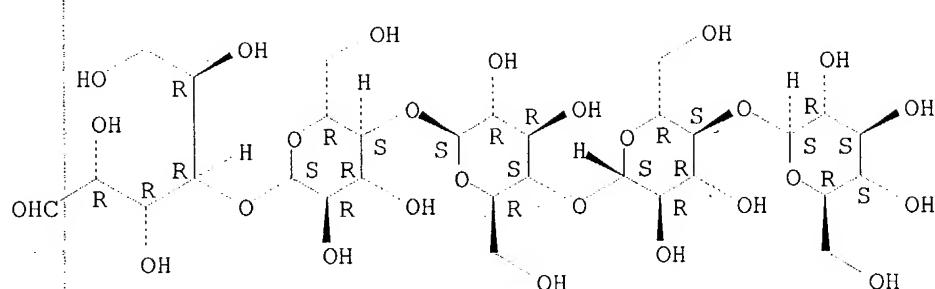
CN Cellopentaose-dimethyl pimelate copolymer
 FS STEREOSEARCH
 MF (C30 H52 O26 . C9 H16 O4)x

CI PMS
 PCT Polyester, Polyester formed, Polyether
 SR CA
 LC STN Files: CA, CAPLUS

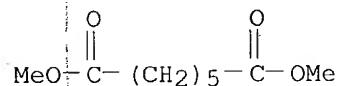
CM 1

CRN 2240-27-9
 CMF C30 H52 O26

Absolute stereochemistry.



CM 2

CRN 1732-08-7
 CMF C9 H16 O4

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 26 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200730-32-1 REGISTRY
 CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-,
 polymér with dimethyl heptanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-
 .beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotetraose-dimethyl pimelate copolymer

FS STEREOSEARCH

MF (C24 H42 O21 . C9 H16 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

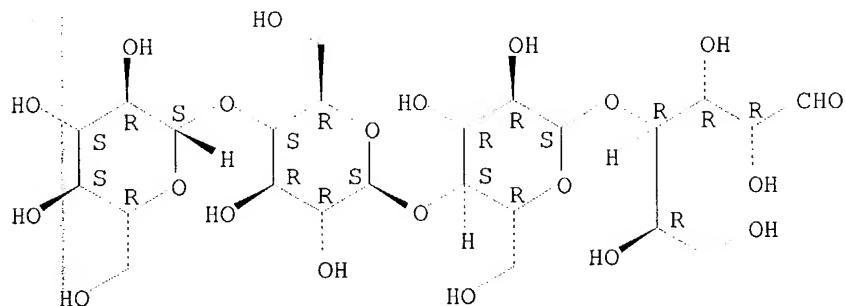
SR CA

LC STN Files: CA, CAPLUS

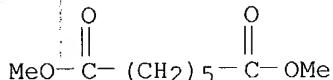
CM 1

CRN 38819-01-1
CMF C24 H42 O21

Absolute stereochemistry.



CM 2

CRN 1732-08-7
CMF C9 H16 O41 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 27 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200730-31-0 REGISTRY
 CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl heptanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotriose-dimethyl pimelate copolymer

FS STEREOSEARCH

MF (C18 H32 O16 . C9 H16 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

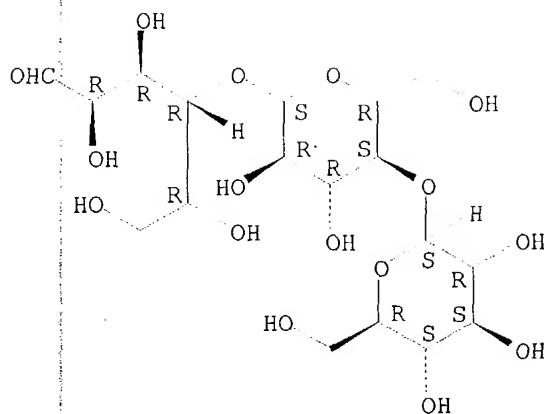
SR CA

LC STN Files: CA, CAPLUS

CM 1

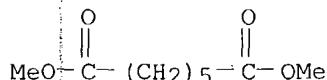
CRN 33404-34-1
CMF C18 H32 O16

Absolute stereochemistry.



CM 2

CRN 1732-08-7
CMF C9 H16 O4



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 28 OF 34 REGISTRY COPYRIGHT 1998 ACS
RN 200730-30-9 REGISTRY
CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with dimethyl heptanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Heptanedioic acid, dimethyl ester, polymer with 4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)

OTHER NAMES:

CN Celllobiose-dimethyl pimelate copolymer

FS STEREOSEARCH

MF (C12 H22 O11 . C9 H16 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

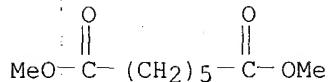
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 1732-08-7

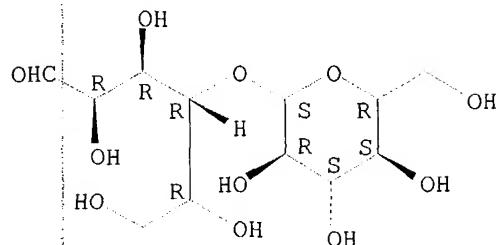
CMF C9 H16 O4



CM 2

CRN 528-50-7
CMF C12 H22 O11

Absolute stereochemistry.

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 29 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-29-6 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellopentaose-dimethyl adipate copolymer

FS STEREOSEARCH

MF (C30 H52 O26 . C8 H14 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

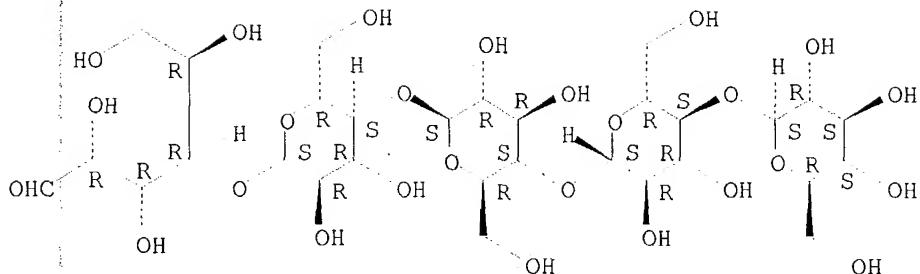
SR CA

LC STN Files: CA, CAPLUS

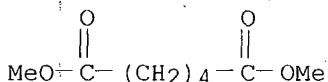
CM 1

CRN 2240-27-9
CMF C30 H52 O26

Absolute stereochemistry.



CM 2

CRN 627-93-0
CMF C8 H14 O41 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 30 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200730-28-5 REGISTRY
 CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-
 .beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-
 (1.fwdarw.4)-, polymer with dimethyl hexanedioate (9CI) (CA INDEX
 NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, dimethyl ester, polymer with O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-
 .beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-
 (1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

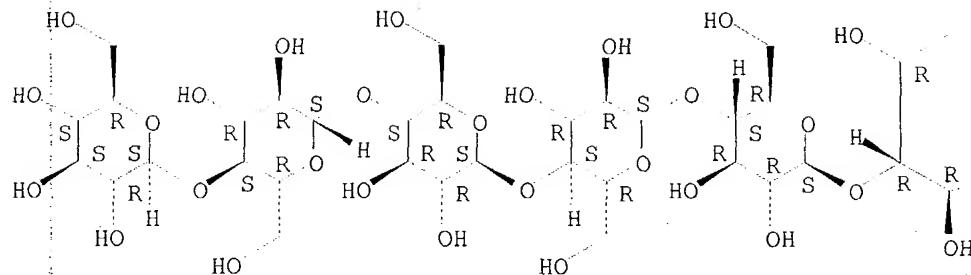
CN Cellohexaose-dimethyl adipate copolymer
 FS STEREOSEARCH
 MF (C36 H62 O31 . C8 H14 O4)x
 CI PMS
 PCT Polyester, Polyester formed, Polyether
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

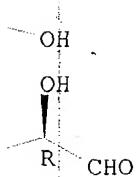
CRN 2478-35-5
CMF C36 H62 O31

Absolute stereochemistry.

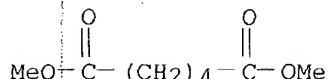
PAGE 1-A



PAGE 1-B



CM 2

CRN 627-93-0
CMF C8 H14 O41 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 31 OF 34 REGISTRY COPYRIGHT 1998 ACS
RN 200730-27-4 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotetraose-dimethyl adipate copolymer

FS STEREOSEARCH

MF (C24 H42 O21 . C8 H14 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

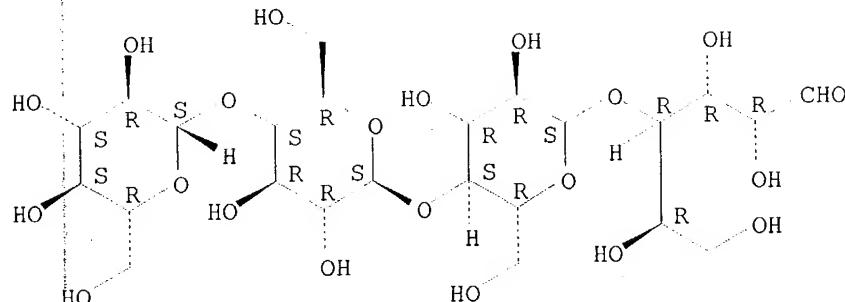
SR CA

LC STN Files: CA, CAPLUS

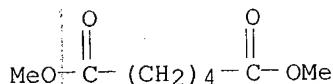
CM 1

CRN 38819-01-1
CMF C24 H42 O21

Absolute stereochemistry.



CM 2

CRN 627-93-0
CMF C8 H14 O41 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 32 OF 34 REGISTRY COPYRIGHT 1998 ACS

RN 200730-26-3 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-, polymer with dimethyl hexanedioate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Hexanedioic acid, dimethyl ester, polymer with O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-D-glucose (9CI)

OTHER NAMES:

CN Cellotriose-dimethyl adipate copolymer

FS STEREOSEARCH

MF (C18 H32 O16 . C8 H14 O4)x

CI PMS

PCT Polyester, Polyester formed, Polyether

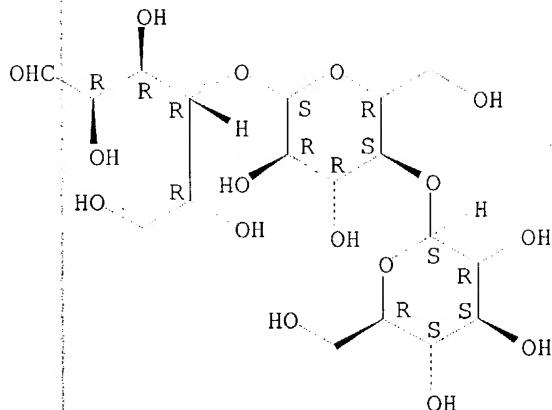
SR CA

LC STN Files: CA, CAPLUS

CM 1

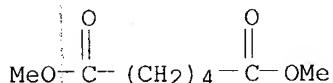
CRN 33404-34-1
CMF C18 H32 O16

Absolute stereochemistry.



CM 2

CRN 627-93-0
CMF C8 H14 O4



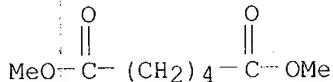
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

L10 ANSWER 33 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 200730-25-2 REGISTRY
 CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with dimethyl hexanedioate (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Hexanedioic acid, dimethyl ester, polymer with 4-O-.beta.-D-glucopyranosyl-D-glucose (9CI)
 OTHER NAMES:
 CN Cellobiose-dimethyl adipate copolymer
 FS STEREOSEARCH
 MF (C12 H22 O11 . C8 H14 O4)x
 CI PMS
 PCT Polyester, Polyester formed, Polyether
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

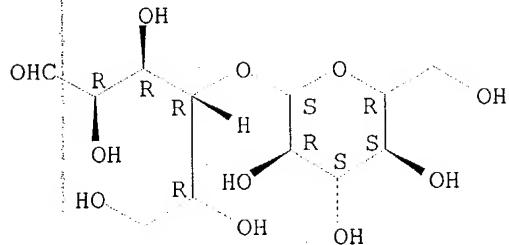
CRN 627-93-0
CMF C8 H14 O4



CM 2

CRN 528-50-7
CMF C12 H22 O11

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

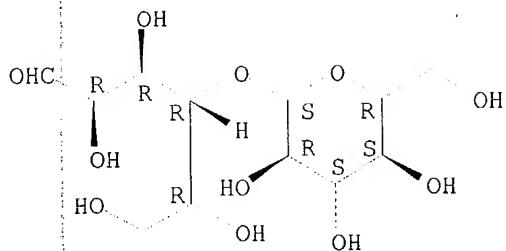
REFERENCE 1: 128:89267

L10 ANSWER 34 OF 34 REGISTRY COPYRIGHT 1998 ACS
 RN 73255-78-4 REGISTRY
 CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, polymer with
 1,4-benzenedicarbonyl dichloride (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,4-Benzenedicarbonyl dichloride, polymer with 4-O-.beta.-D-
 glucopyranosyl-D-glucose (9CI)
 OTHER NAMES:
 CN Cellobiose-terephthaloyl chloride copolymer
 FS STEREOSEARCH
 MF (C12 H22 O11 . C8 H4 Cl2 O2)x
 CI PMS
 PCT Polyester, Polyester formed, Polyether
 LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

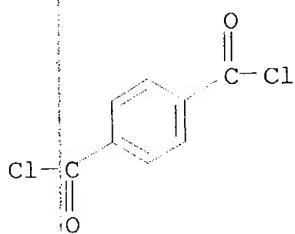
CM 1

CRN 528-50-7
CMF C12 H22 O11

Absolute stereochemistry.



CM 2

CRN 100-20-9
CMF C8 H4 Cl2 O23 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

REFERENCE 2: 119:146588

REFERENCE 3: 92:147256

=> d ide can tot 111

L11 ANSWER 1 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 103219-11-0 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl-, acetate (9CI) (CA INDEX
NAME)

OTHER NAMES:

CN Cellobiose acetate

FS STEREOSEARCH

MF C12 H22 O11 . x C2 H4 O2

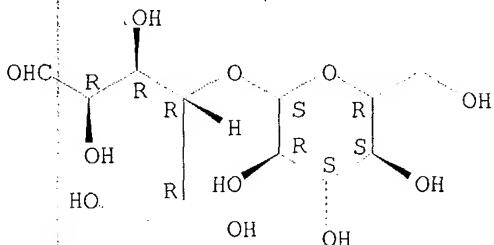
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 528-50-7
CMF C12 H22 O11

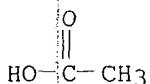
Absolute stereochemistry.



CM 2

CRN 64-19-7

CMF C2 H4 O2



2 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:89267

REFERENCE 2: 105:45008

L11 ANSWER 2 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 38819-01-1 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-
glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Cellotetraose (6CI, 7CI, 8CI)

OTHER NAMES:

CN Cellotetraose

FS STEREOSEARCH

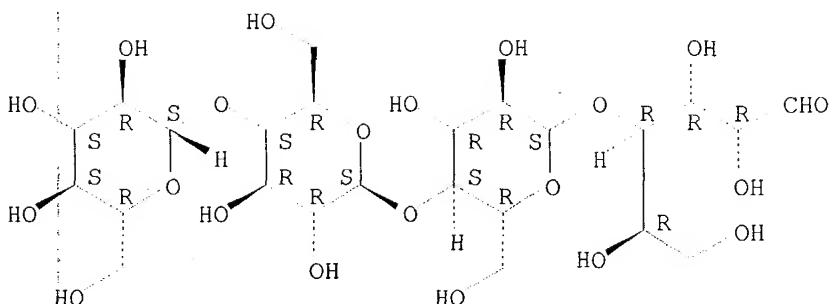
DR 2478-34-4, 146598-61-0

MF C24 H42 O21

CI COM

LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD,
CAPLUS, CHEMCATS, CSCHEM, MEDLINE, TOXLINE, TOXLIT, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



173 REFERENCES IN FILE CA (1967 TO DATE)

5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

174 REFERENCES IN FILE CAPLUS (1967 TO DATE)

15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:78466

REFERENCE 2: 129:13765

REFERENCE 3: 129:2031

REFERENCE 4: 128:292108

REFERENCE 5: 128:291902

REFERENCE 6: 128:254308

REFERENCE 7: 128:227877

REFERENCE 8: 128:167613

REFERENCE 9: 128:89267

REFERENCE 10: 127:342440

L11 ANSWER 3 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 33404-34-1 REGISTRY

CN D-Glucose, 0-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Cellotriose (6CI, 7CI, 8CI)

FS : STEREOSEARCH

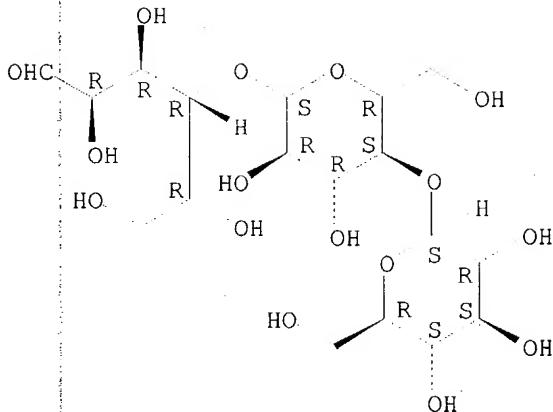
DR : 2640-12-2

MF : C18 H32 O16

CI COM

LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD,
CAPLUS, CASREACT, CHEMCATS, CSCHEM, TOXLINE, TOXLIT, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



207 REFERENCES IN FILE CA (1967 TO DATE)
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 210 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 29 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:132925

REFERENCE 2: 129:2031

REFERENCE 3: 128:291902

REFERENCE 4: 128:268270

REFERENCE 5: 128:254308

REFERENCE 6: 128:202205

REFERENCE 7: 128:180594

REFERENCE 8: 128:89267

REFERENCE 9: 127:342440

REFERENCE 10: 127:314248

L11 ANSWER 4 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 9013-79-0 REGISTRY

CN Esterase (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Esterase ES46.5K

CN Neuropathy target esterase

CN Nonspecific esterase

DR 9035-77-2

MF Unspecified

CI COM, MAN

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CAPLUS,
 CASREACT, CEN, CBNB, CIN, CSCHEM, CSNB, EMBASE, IFICDB, IFIPAT,
 IFIUDB, IPA, NAPRALERT, PIRA, PNI, PROMT, TOXLINE, TOXLIT, ULIDAT,
 USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
8299 REFERENCES IN FILE CA (1967 TO DATE)
64 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
8304 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:188554
REFERENCE 2: 129:188417
REFERENCE 3: 129:188416
REFERENCE 4: 129:186974
REFERENCE 5: 129:186785
REFERENCE 6: 129:186676
REFERENCE 7: 129:186410
REFERENCE 8: 129:186015
REFERENCE 9: 129:185900
REFERENCE 10: 129:185873

L11 ANSWER 5 OF 11 REGISTRY COPYRIGHT 1998 ACS
RN 9002-89-5 REGISTRY

CN Ethenol, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 117H
CN AH 17
CN Airvol 103
CN Airvol 107
CN Airvol 107SF
CN Airvol 125
CN Airvol 125SF
CN Airvol 165
CN Airvol 165SF
CN Airvol 321LA
CN Airvol 325
CN Airvol 325SF
CN Airvol 350
CN Airvol 350SF
CN Airvol 425
CN Airvol 53
CN Airvol 710
CN Airvol 803
CN Airvol WS 42
CN Alcotex 17F-H
CN Alcotex 72.5L
CN Alcotex 75L
CN Alcotex 99/10
CN Alvyl
CN Aquareserve GP 02
CN Aquareserve GP 48
CN Aracet APV
CN Aracet APV 120-88
CN Aracet APV 50-92

CN Aracet APV 50/88
 CN Atactic poly(vinyl alcohol)
 CN AX 300SN
 CN Bansuta PX 25
 CN BF 24
 CN Bos 2-40
 CN Bovlon
 CN Bovlon EX
 CN Buna 45/02
 CN Buna 55/02
 CN Buna 55/12
 CN C 10
 CN C 10 (vinyl polymer)
 CN C 17
 CN C 17S
 CN C 20
 CN C 20 (vinyl polymer)
 CN C 25
 CN Cellacell 279
 CN ChemTrend 39
 CN Cipoviol W 72

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

DR 9014-14-6, 9050-53-7, 9066-05-1, 162261-31-6, 53241-16-0,
 58740-50-4, 25038-51-1, 98002-48-3, 106442-33-5, 61584-38-1,
 147827-36-9, 151439-02-0, 155421-52-6, 39320-29-1

MF (C₂ H₄ O)x

CI PMS, COM

PCT Polyvinyl

LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, APILIT, APILIT2, APIPAT,
 APIPAT2, BIOBUSINESS, BIOSIS, CA, CABA, CANCERLIT, CAPLUS,
 CASREACT, CEN, CHEMCATS, CHEMLIST, CBNB, CHEMSAFE, CIN, CSCHEM,
 CSNB, DETHERM*, DDFU, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT,
 IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA,
 PLASPEC*, PNI, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA, USAN,
 USPATFULL, VTB

(*File contains numerically searchable property data)

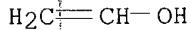
Other Sources: DSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 557-75-5

CMF C₂ H₄ O



34473 REFERENCES IN FILE CA (1967 TO DATE)

2689 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

34511 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:196739

REFERENCE 2: 129:195836

REFERENCE 3: 129:195833

REFERENCE 4: 129:195744

REFERENCE 5: 129:195718

REFERENCE 6: 129:195688

REFERENCE 7: 129:195082

REFERENCE 8: 129:193746

REFERENCE 9: 129:193718

REFERENCE 10: 129:193714

L11 ANSWER 6 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 9001-62-1 REGISTRY

CN Lipase, triacylglycerol (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Amano AP

CN Amano B

CN Amano CE

CN Amano CES

CN Amano LPL 200S

CN Amano M

CN Amano N-AP

CN Amano P

CN Arthrobacter lipase

CN Butyrinase

CN C-Lipase

CN Cacordase

CN Capalase K

CN Capalase L

CN ChiroCLEC-CR

CN ChiroCLEC-PC

CN CloneZyme ESL 001

CN E.C. 3.1.1.3

CN GA 56

CN GA 56 (enzyme)

CN Glycerol ester hydrolase

CN Hepatic lipase

CN Hepatic triacylglycerol lipase

CN Italase C

CN Lipase

CN Lipase A

CN Lipase AK

CN Lipase AP

CN Lipase AY

CN Lipase AY 30

CN Lipase CE

CN Lipase D

CN Lipase LP

CN Lipase M

CN Lipase M-AP 10

CN Lipase MY

CN Lipase N

CN Lipase OF

CN Lipase P

CN Lipase PL
CN Lipase PL 679
CN Lipase PN
CN Lipase PS
CN Lipase QL
CN Lipase SAM-II
CN Lipase-esterase
CN Lipazin
CN Lipidase 10000
CN Lipolactine G 10x
CN Lipolactine G10x

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

AR 152923-53-0

DR 9001-70-1, 9004-01-7, 9014-49-7, 119663-46-6, 142615-72-3

MF Unspecified

CI COM, MAN

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CABA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CBNB, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PNI, PROMT, RTECS*, TOXLINE, TOXLIT, ULIDAT, USAN, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

16000 REFERENCES IN FILE CA (1967 TO DATE)

359 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

16019 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:193717

REFERENCE 2: 129:193623

REFERENCE 3: 129:190692

REFERENCE 4: 129:190691

REFERENCE 5: 129:189710

REFERENCE 6: 129:189142

REFERENCE 7: 129:189030

REFERENCE 8: 129:188595

REFERENCE 9: 129:188554

REFERENCE 10: 129:188552

L11 ANSWER 7 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 6556-12-3 REGISTRY

CN D-Glucuronic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

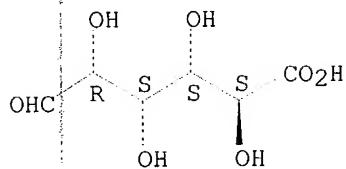
CN Glucuronic acid, D- (8CI)

OTHER NAMES:

CN D-(+)-Glucuronic acid

CN Glucosiduronic acid
 CN Glucuronic acid
 FS STEREOSEARCH
 DR 12758-41-7, 36116-79-7, 87090-89-9, 87246-82-0
 MF C6 H10 O7
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
 CABA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN,
 CSCHEM, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA,
 MRCK*, NAPRALERT, NIOSHTIC, PIRA, PROMT, SPECINFO, TOXLINE,
 TOXLIT, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



2010 REFERENCES IN FILE CA (1967 TO DATE)
 187 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2014 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

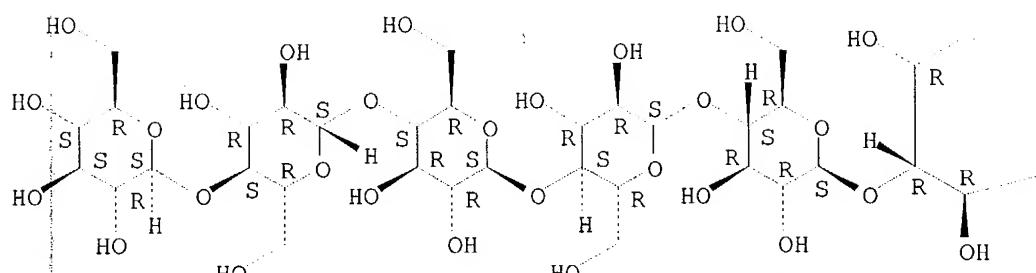
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 REFERENCE 2: 129:188627
 REFERENCE 3: 129:188500
 REFERENCE 4: 129:186307
 REFERENCE 5: 129:186300
 REFERENCE 6: 129:185989
 REFERENCE 7: 129:148488
 REFERENCE 8: 129:147168
 REFERENCE 9: 129:140748
 REFERENCE 10: 129:136403

L11 ANSWER 8 OF 11 REGISTRY COPYRIGHT 1998 ACS
 RN 2478-35-5 REGISTRY
 CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-
 glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-
 (beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-
 (1.fwdarw.4)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Cellohexaose (6CI, 7CI, 8CI)

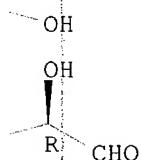
FS STEREOSEARCH
 MF C36 H62 O31
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
 CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CSCHEM, MEDLINE, TOXLINE,
 TOXLIT
 (*File contains numerically searchable property data)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



89 REFERENCES IN FILE CA (1967 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 90 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

- | | | |
|-----------|----|------------|
| REFERENCE | 1: | 129:78466 |
| REFERENCE | 2: | 128:227877 |
| REFERENCE | 3: | 128:89267 |
| REFERENCE | 4: | 127:314248 |
| REFERENCE | 5: | 127:274627 |
| REFERENCE | 6: | 127:201832 |
| REFERENCE | 7: | 127:2413 |
| REFERENCE | 8: | 126:340293 |
| REFERENCE | 9: | 126:251310 |

REFERENCE 10: 125:241707

L11 ANSWER 9 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 2240-27-9 REGISTRY

CN D-Glucose, O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)-O-.beta.-D-glucopyranosyl-(1.fwdarw.4)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Cellopentaose (6CI, 7CI, 8CI)

FS STEREOSEARCH

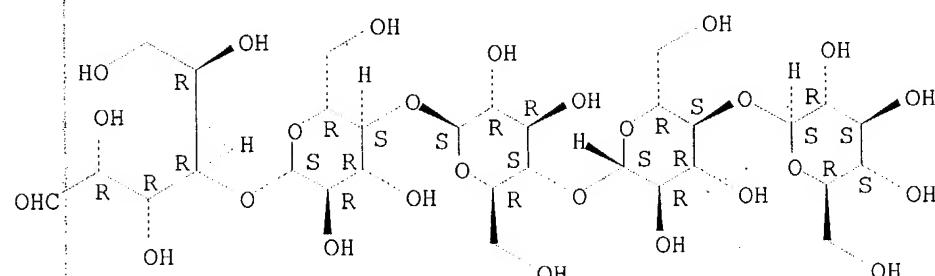
DR 38819-02-2

MF C30 H52 O26

CI COM

LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CSCHEM, TOXLINE, TOXLIT
(*File contains numerically searchable property data)

Absolute stereochemistry.



143 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

144 REFERENCES IN FILE CAPLUS (1967 TO DATE)

13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:78466

REFERENCE 2: 129:13765

REFERENCE 3: 128:292108

REFERENCE 4: 128:291902

REFERENCE 5: 128:254308

REFERENCE 6: 128:227877

REFERENCE 7: 128:227855

REFERENCE 8: 128:89267

REFERENCE 9: 127:342440

REFERENCE 10: 127:341225

L11 ANSWER 10 OF 11 REGISTRY COPYRIGHT 1998 ACS

RN 528-50-7 REGISTRY

CN D-Glucose, 4-O-.beta.-D-glucopyranosyl- (6CI, 9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Celllobiose (8CI)

OTHER NAMES:

CN Cellose

CN D-(+)-Celllobiose

CN D-Celllobiose

AR 16462-44-5

FS STEREOSEARCH

DR 23315-16-4

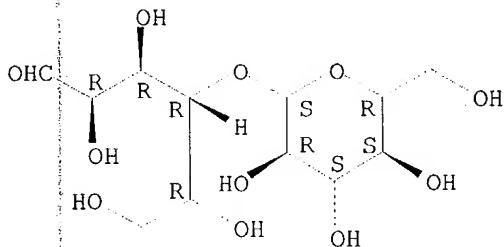
MF C12 H22 O11

CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CABA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DETHERM*, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MRCK*, MSDS-OHS, PIRA, PROMT, TOXLINE, TOXLIT, USPATFULL
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



2769 REFERENCES IN FILE CA (1967 TO DATE)

115 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2772 REFERENCES IN FILE CAPLUS (1967 TO DATE)

57 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:197357

REFERENCE 2: 129:197347

REFERENCE 3: 129:175854

REFERENCE 4: 129:174982

REFERENCE 5: 129:172691

REFERENCE 6: 129:172258

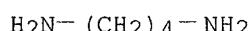
REFERENCE 7: 129:161765

REFERENCE 8: 129:160885

REFERENCE 9: 129:160778

REFERENCE 10: 129:149146

L11 ANSWER 11 OF 11 REGISTRY COPYRIGHT 1998 ACS
RN 110-60-1 REGISTRY
CN 1,4-Butanediamine (8CI, 9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Tetramethylenediamine (7CI)
OTHER NAMES:
CN .alpha.,.omega.-Butanediamine
CN 1,4-Butylenediamine
CN 1,4-Diamino-n-butane
CN 1,4-Diaminobutane
CN 1,4-Tetramethylenediamine
CN Putrescin
CN Putrescine
FS 3D CONCORD
MF C4 H12 N2
CI COM
LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, BEILSTEIN*, BIOBUSINESS,
BIOSIS, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN,
CHEMCATS, CHEMINFORMRX, CHEMLIST, CBNB, CIN, CSCHEM, DETHERM*,
DDFU, DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, GMELIN*, HODOC*,
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT,
NIOSHTIC, PIRA, PNI, PROMT, RTECS*, SPECINFO, TOXLINE, TOXLIT,
USPATEFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



8099 REFERENCES IN FILE CA (1967 TO DATE)
315 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
8105 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 129:189515
REFERENCE 2: 129:186661
REFERENCE 3: 129:186601
REFERENCE 4: 129:185991
REFERENCE 5: 129:183941
REFERENCE 6: 129:183883
REFERENCE 7: 129:175960
REFERENCE 8: 129:175627
REFERENCE 9: 129:175483
REFERENCE 10: 129:174896